(SEQ ID NO:1)

maagstqqrrremaaasaaaisgagrcrlskigatrrppparvrvavrlrpfvdgtagasdppcvrgmdscsleianw rnhqetlkyqfdafygerstqqdiyagsvqpilrhllegqnasvlaygptgagkthtmlgspeqpgvipralmdllqltre egaegrpwalsvtmsyleiyqekvldlldpasgdlviredcrgnilipglsqkpissfadferhflpasrnrtvgatrlnqrs srshavllvkvdqrerlapfrqregklylidlagsednrrtgnkglrlkesgaintslfvlgkvvdalnqglprvpyrdsklt rllqdslggsahsilianiaperrfyldtvsalnfaarskevin*

(SEQ ID NO:2)

atglcagccgcgggcggctcgacgcagcagaggcgacgcgagatggcggcagcttcagcggcggcgatctcaggagc tggtcgctgtcggctaagcaagattggagctactcgtcgtccacctccagctcgcgtaagggtggctgtgcgactgcggccatttgtggatggaacagcgggagcaagtgatcccccctgtgtgcggggcatggacagctgctctctagagattgctaactggaggaaccaccaggagactctcaaataccagtttgatgccttctatggggagaggagtactcagcaggacatctatgcagg tt cagtg cag cccatcct a agg cacttg ctg gaa agg gcag a atg ccagtg tg ctt gcctat gg accca cag gag ctg gg a accca cag gag ctg gg a compared to the compared toagacgcacacaatgctgggcagcccagagcaacctggggtgatcccgcggggctctcatggacctcctgcagctcacaag ggaggaggtgccgagggccggccatgggccctttctgtcaccatgtcttacctagagatctaccaggagaaggtattag agcccat cagtag ctttgctgattttgag cgg cacttcctgccag ccagtcgaa at cgg act gag agccacccgg ctcaa $\verb|ccagcgctcctcccgcagtcatgctgtgctcctggtcaaggtggaccagcgggaacgtttggccccatttcgccagcgag|$ agggaaaactotacctgattgacttggctgggtcagaggacaaccggcgcacaggcaacaagggccttcggctaaaaga gggacag caagct cacteg cetattg caggact ctetgggtggct cage cea cagtate ctt at tgc caacattge cetgagagacgettetacetagacacagteteegeacteaactttgetgeeaggteeaaggaggtgateaateggeettttaceaatg gaggccctgaggaagaggagattgggagccctgagcccatggcagctccagcctctgcctccagaaactcagccccct $cagggggcccctctgttgagtaccccaaagcgagagcggatgg\underline{t}gctaatgaagacagtagaagaagaaggacctagag$ attgagaggcttaagacgaagcaaaaagaactggaggccaagatgttggcccagaaggctgaggaaaaaggagaaccattgtcccacaatgtga

(SEQ ID NO:3)

mpaaggstqqrrremaaasaaaisgagrcrlskigatrrppparvrvavrlrpfvdgtagasdppcvrgmdscsleian wmhqetlkyqfdafygerstqqdiyagsvqpilrhllegqnasvlaygptgagkthtmlgspeqpgvipralmdllqlt reegaegrpwalsvtmsyleiyqekvldlldpasgdlviredcrgnilipglsqkpissfadferhflpasrnrtvgatrlnq rssrshavllvkvdqrerlapfrqregklylidlagsednrrtgnkglrlkesgaintslfvlgkvvdalnqglprvpyrdsk ltrllqdslggsahsilianiaperrfyldtvsalnfaarskevinrpftneslqphalgpvklsqkellgppeakrargpeee eigspepmaapasasqklsplqklssmdpamlerllsldrllasqgsqgapllstpkrermvlmktveekdleierlktk qkeleakmlaqkaeekenhcptm*

(SEQ ID NO:4)

(SEQ ID NO:5)

mgrcrlskigatrrppparvrvavrlrpfvdgtagasdppcvrgmdscsleianwrnhqetlkyqfdafygerstqqdi yagsvqpilrhllegqnasvlaygptgagkthtmlgspeqpgvipralmdllqltreegaegrpwalsvtmsyleiyqe kvldlldpasgdlviredcrgnilipglsqkpissfadferhflpasmrtvgatrlnqrssrshavllvkvdqrerlapfrqre gklylidlagsednrttgnkglrlkesgaintslfvlgkvvdalnqglprvpyrdskltrllqdslggsahsilianiaperrf yldtvsalnfaarskevin*

(SEQ ID NO:6)

atglggtcgctgtcggctaagcaagattggagctactcgtcgtccacctccagctcgcgtaagggtggctgtgcgactgcgg $\verb|ccatttgtggatggaacagcgggagcaagtgatccccctgtgtgcggggcatggacagctgctctctagagattgctaac||$ tggaggaaccaccaggagactctcaaataccagtttgatgccttctatggggagaggagtactcagcaggacatctatgca ggttcagtgcagcccatcctaaggcacttgctggaagggcagaatgccagtgtgcttgcctatggacccacaggagctgg gaagacgcacacaatgctgggcagcccagagcaacctggggtgatcccgcgggctctcatggacctcctgcagctcaca agggaggaggtgccgagggccggccatgggcctttctgtcaccatgtcttacctagagatctaccaggagaaggtatt agacctcctggaccctgcttcgggagacctggtaatccgagaagactgccgggggaatatcctgattccgggtctctcccagaage ceat cag tag extract gas a geometric consistency of the constraint of the coagagggaaaactctacctgattgacttggctgggtcagaggacaaccggcgcacaggcaacaagggccttcggctaaaa atcgggacag caagct cactcgcct attgcaggactctctgggtggctcagcccacagtatcctt attgccaacattgcccctgagagacgcttctacctagacacagtctccgcactcaactttgctgccaggtccaaggaggtgatcaatcggccttttacca eccgaggecetgaggaagaggagattgggagecetgageceatggeagetecageetetgeetecagaaaeteagee ccctacagaagctaagcagcatggacccggccatgctggagcgcctcctcagcttggaccgtctgcttgcctcccagggg agccagggggcccctctgttgagtaccccaaagcgagagcggatggtgctaatgaagacagtagaagagaaggaccta gagattgagaggcttaagacgaagcaaaaagaactggaggccaagatgttggcccagaaggctgaggaaaaggagaa ccattgtcccacaatgtga

(SEQ ID NO:7)

mgrcrlskigatrrppparvrvavrlrpfvdgtagasdppcvrgmdscsleianwmhqetlkyqfdafygerstqqdi yagsvqpilrhllegqnasvlaygptgagkthtmlgspeqpgvipralmdllqltreegaegrpwalsvtmsyleiyqe kvldlldpasgdlviredcrgnilipglsqkpissfadferhflpasrnrtvgatrlnqrssrshavllvkvdqrerlapfrqre gklylidlagsednrtgnkglrlkesgaintslfvlgkvvdalnqglprvpyrdskltrllqdslggsahsilianiaperrf yldtvsalnfaarskevinrpftneslqphalgpvklsqkellgppeakrargpeeeeigspepmaapasasqklsplqk lssmdpamlerllsldrllasqgsqgapllstpkrermvlmktveekdleierlktkqkeleakmlaqkaeekenhcpt m

(SEQ ID NO:8)